

Page 11, line 1, delete entire line and insert therefor—composition herein includes

A4 less than 20 wt.% active alumina, preferably less than 10--.

Page 12, line 1, delete entire line and insert therefor—The fluid catalyst mixture

A5 can then be spray dried. Optionally, the spray dried catalyst—.

Page 13, line 1, delete entire line and insert therefor—The C₄+ naphtha

A6 hydrocarbon conversion is generally from about 20% to about—.

Page 17, line 1, delete entire line and insert therefor—A comparison of Examples

A7 2 and 3 reveals that the yield of ethylene was—.

Page 18, line 1, delete entire line and insert therefor—Example 5 reveals a further

A8 increase in the yield of ethylene over Example 4, by--.

IN THE CLAIMS:

Please amend the claims as follows:

A9 1.(Amended) A process for converting a C₄+ naphtha hydrocarbon feed to a product which includes light olefins and aromatics, comprising:

contacting said feed with a catalyst comprising ZSM-5, ZSM-11 or combinations thereof treated with phosphorus-containing compound, [phosphorus] and a substantially inert matrix material, said contacting under conditions to produce said product containing light olefins and aromatics.

Claim 4, line 2, before "ratio" insert --molar--.

REMARKS

Applicants respectfully request entry of the above amendments and reconsideration of this application.

Claims 1-10 are presently in the application.

The present invention relates to a process for converting C₄+ naphtha hydrocarbon feed over a catalyst comprising ZSM-5, ZSM-11 or combinations thereof treated with phosphorus, and a substantially inert matrix material. The contacting is carried out under conditions sufficient to produce a product containing light olefins and aromatics.